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Um estudo meteorologico de Angola. charts. 25xcm. [Excerpted from the Boletim of the Sociedade de geographia de Lisboa, 35a. Série, nos. 1-3, Janeiro a Março, 1917, p. 25-40.]

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Professor in Charge of Library.

The following titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers and other communications bearing on meteorology and cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled. It shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau.

Aeronautics. London. v. 12. May 9, 1917.

Cave, C. J. P. Some meteorological conditions which increase the danger of flying. p. 336-340.

American philosophical society. Proceedings. Philadelphia. v. 56. no. 1. 1917.

Marvin, Charles Frederick. Cleveland Abbe. p. ix-xix.

Engineering news-record. New York. v. 78. 1917.

Newton, C. G. South American rainfall reverse of northern Pacific. Chilean records show precipitation increases from north to south and from coast to mountain. p. 410-411. (May 24.)

Horton, Robert E. Failure of hydraulic projects from lack of water prevented by better hydrology. p. 490-492. (June 7.)

London, Edinburgh, and Dublin philosophical magazine. London. 6 ser. v. 33. June, 1917.

Whipple, F. J. W. The motion of a particle on the surface of a smooth rotating globe. p. 457-471.

Arctowski, Henryk. Normal anomalies of the mean annual temperature variation. p. 487-495.

Meteorological society of Japan. Journal. Tokyo. 36th year. May, 1917.

Okada, T. Some researches in the far eastern seasonal correlations. (Third note.) p. 55-63. [See this issue, p. 238, for the second note; June for the 3d note.]

Nature. London. v. 99. 1917.

Walkden, S. L. Aeroplanes and atmospheric gustiness. p. 225-226. (May 17.)

Harding, Cha[rles]. The past winter. p. 294-295. (June 7.)

Royal meteorological society. Quarterly journal. v. 43. January, 1917.

Brooks, C. E. P. A meteorologist in China. p. 1-14. [Includes meteorological summaries from Wuhu, Chinhiang and Amoy.]

Geddes, A. E. M. The storm of 11th to 13th November, 1915, in its passage over the British Isles. p. 15-27.

Bonacina, L. C. W. Readjustment of pressure differences: a reply to Sir Napier Shaw's criticism. p. 27-28.

Salter, Carle. The measurement of rainfall duration. p. 29-41.

Turner, H. H. Discontinuities in meteorological phenomena. Third note. p. 43-60.

Gold, E[rnest]. Formula for obtaining differences of pressure corresponding with given differences of height. p. 60.

Cave, C. J. P. The forms of clouds. p. 61-82.

Shaw, Napier. Meteorology for schools and colleges. p. 83-89.

Hall, Maxwell. West Indian cyclones and the local wind. Second note. p. 92-95.

Mr. James J. Hicks. p. 99. [Obituary.]

Marriott, W[illiam]. Mr. Edward Mawley. p. 99-101. [Obituary.]

Lempert, R. G. K. Prof. Henrik Mohn, D. Sc. p. 101-102. [Obituary.]

Royal meteorological society. Quarterly journal. v. 43. April, 1917.

Lyons, H[enry] G[eorge]. The distribution of pressure and the air circulation over northern Africa. p. 118-150. [Includes charts of isobars and winds at the surface and at 3,000 m. altitude.]

Royal meteorological society—Continued.

Dines, W[illiam] H[enry]. The heat balance of the atmosphere. p. 151-

Brooks, C. E. P. Continentality and temperature. p. 159-173.

Lyons, H[enry] G[eorge]. Climatological studies. German East Africa. p. 175-195.

Walker, Gilbert T. Correlation in seasonal variations of weather. p. 218-219.

Dines, J[ohn] S[omers]. The accuracy obtainable in barometer readings. p. 219-220.

Hall, Maxwell. The Jamaica hurricane of October 3, 1780. p. 221-225.

Inwards, R[ichard]. William Marriott. 1848-1916. p. 226. [Obituary.]

Royal society of Edinburgh. Proceedings. Edinburgh. v. 37. pt. 2. 1916-1917.

Douglas, C. K. M. On some causes of the formation of anticyclonic stratus as observed from aeroplanes. p. 137-148.

School science and mathematics. Chicago. v. 17. June, 1917.

Brooks, Charles F. The deflective effect of the earth's rotation. p. 517-521.

Science. New York. v. 45. June 15, 1917.

Carey, J. P. The central Illinois tornado of May 26, 1917. p. 613-614.

Scientific American supplement. New York. v. 83. 1917.

McAdie, Alexander. Aviation and aerography. p. 341-342. (Jun. 2.)

Paresce, René. A new system of weather prediction by which conditions may be predicted months in advance. p. 403. (Jun. 30.) [Describes methods of F. Vercelli.]

Scottish meteorological society. Journal. Edinburgh. 3 ser. v. 17. no. 32. 1915.

Mitchell, A. Crichton. On the correlation of the Indian monsoon with other meteorological factors. p. 3-11.

Wrigley, R. W. The Calton Hill rock thermometers. p. 11-17. [An attempt to find periodicities in subterranean temperatures and to correlate with sunspots, etc.]

Mossman, R[obert] C. The temperature of Santiago de Chile for fifty-four years. From 1861 to 1914. p. 17-24.

Watt, A[ndrew]. Big-gun firing and rainfall. p. 27-29.

Watt, A[ndrew]. The rainfall of Cherrapunji. p. 29-31.

Watt, A[ndrew]. Prof. A. J. Herbertson. p. 34-36. [Obituary.]

Scottish meteorological society. Journal. Edinburgh. 3 ser. v. 17. no. 33. 1916.

Douglas, C. K. M. Weather observation from an aeroplane. p. 65-73.

Knott, C. G. The solar radiation constant and associated meteorological problems. p. 74-84.

Shaw, Napier. The distribution of cloud and rain with reference to the center of a cyclonic depression. p. 90-92.

W[att], A[ndrew]. Audibility and meteorological conditions. p. 94-97.

Académie des sciences. Comptes rendus. Paris. Tome 164. 21 mai 1917.

Baliff, L. Sur la détermination de la densité de l'air en fonction de l'altitude. p. 827-828.

Heemel en dampkring. Den Haag. 14 Juarg. 1917.

Lulofs, H. J. Aristoteles en Seneca over atmosferischen neerslag. (Bijdrage over de physische geographie der ouden.) p. 171-174; 185-190. (Maart, April.)

Società degli spettroscopisti italiani. Memorie. Catania. v. 6. 1917.

Arctowski, Henryk. Note sur une corrélation entre orages magnétiques et la pluie. p. 33-34. (Marzo.)

Platania, Giovanni. Osservazioni dei punti neutri della polarizzazione atmosferica eseguite in Catania nel 1916. p. 61-62. (Aprile.)

Spain. Observatorio central meteorológico. Anuario. Madrid. Tomo 1. (Suplemento.) 1917.

Lomas, Juan G. de. El observatorio de las Cañadas del Teide. p. 3-10.

Observaciones con globos pilotos en las Cañadas del Teide. [1912-3.] p. 11-52.